

## EAST Search History

*SWA*

| Ref # | Hits  | Search Query   | DBs   | Default Operator | Plurals | Time Stamp       |
|-------|-------|--|---|------------------|---------|------------------|
| L1    | 500   | vibrat\$4 with camera with (zoom or focus)                           | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2006/07/31 10:33 |
| L2    | 68    | vibrat\$4 with camera with (zoom or focus) with motor                | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2006/07/31 10:33 |
| L3    | 6     | L2 and (telephone\$3 or phone\$2 or cell-phone or cellphone)         | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2006/07/31 10:33 |
| L4    | 68    | vibrat\$4 with camera with (zoom or focus) with motor                | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2006/07/31 10:33 |
| L5    | 3     | L2 with (telephone\$3 or phone\$2 or cell-phone or cellphone)        | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2006/07/31 10:33 |
| L6    | 683   | vibrat\$4 with camera with (zoom or focus or adjust\$4)              | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2006/07/31 10:33 |
| L7    | 13    | vibrat\$4 with camera with (zoom or focus or adjust\$4) with ring\$4 | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2006/07/31 10:33 |
| L8    | 0     | (2003/0117497).CCLS.   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2006/07/31 10:33 |
| L9    | 2     | ("20030117497").PN.  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2006/07/31 10:33 |
| L10   | 0     | ("2003/0117497").URPN.   | USPAT   | OR               | OFF     | 2006/07/31 10:33 |
| L11   | 11236 | motor with worm with gear  | USPAT   | OR               | OFF     | 2006/07/31 10:33 |

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|     |      |  |   |    |     |                  |
|-----|------|--|---|----|-----|------------------|
| L12 | 1616 | L11 and vibrat\$4  | USPAT   | OR | OFF | 2006/07/31 10:33 |
| L13 | 46   | L11 with vibrat\$4   | USPAT   | OR | OFF | 2006/07/31 10:33 |
| L14 | 4    | L13 and (zoom\$3 or focus\$4)  | USPAT   | OR | OFF | 2006/07/31 10:33 |
| L15 | 46   | L11 with vibrat\$4   | USPAT   | OR | OFF | 2006/07/31 10:33 |
| L16 | 5    | L13 and camera   | USPAT   | OR | OFF | 2006/07/31 10:33 |
| L17 | 5733 | vibrat\$4 with (telephone\$3 or phone\$2 or cell-phone or cellphone)             | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/07/31 10:33 |
| L18 | 519  | L17 and camera   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/07/31 10:33 |
| L19 | 76   | L18 and zoom\$3  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/07/31 10:33 |
| L20 | 161  | L18 and focus\$4   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/07/31 10:33 |
| L21 | 185  | L19 or L20   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/07/31 10:33 |
| L22 | 16   | L21 and shaft  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/07/31 10:42 |
| L23 | 6266 | vibrat\$4 with (telephone\$3 or phone\$2 or cell-phone or cellphone or cellular) | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/07/31 10:33 |
| L24 | 530  | L23 and camera   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/07/31 10:33 |

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|     |     |  |   |    |     |                  |
|-----|-----|--|---|----|-----|------------------|
| L25 | 76  | L24 and zoom\$3  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/07/31 10:33 |
| L26 | 165 | L24 and focus\$4   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/07/31 10:33 |
| L27 | 189 | L25 or L26   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/07/31 10:33 |
| L28 | 16  | L27 and shaft  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/07/31 10:33 |
| L29 | 6   | L27 and brush  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/07/31 10:43 |
| L30 | 52  | L27 and motor  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/07/31 10:33 |
| L31 | 531 | camera and motor and vibration .ti.  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/07/31 10:33 |
| L32 | 90  | camera and motor and vibration and focus .ti.  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/07/31 10:33 |
| L33 | 18  | camera and motor and vibration and focus and(telephone\$3 or phone\$2 or cell-phone or cellphone or cellular) .ti. | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/07/31 10:33 |
| L34 | 846 | camera and motor and vibration and focus and(telephone\$3 or phone\$2 or cell-phone or cellphone or cellular)      | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/07/31 10:33 |

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|     |      |   |   |    |     |                  |
|-----|------|---|---|----|-----|------------------|
| L35 | 97   | camera and motor and vibrator and focus and (telephone\$3 or phone\$2 or cell-phone or cellphone or cellular) | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/07/31 10:33 |
| L36 | 1    | L35 and counter adj weight  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/07/31 10:33 |
| L37 | 5189 | brush with motor with shaft   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/07/31 10:33 |
| L38 | 0    | brush with motor with shaft with (counter-weight or counter adj weight)                                       | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/07/31 10:33 |
| L39 | 8971 | (counter-weight or counter adj weight)  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/07/31 10:33 |
| L40 | 1348 | L39 and vibrat\$4   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/07/31 10:33 |
| L41 | 336  | (counter-weight or counter adj weight) with vibrat\$4   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/07/31 10:33 |
| L42 | 52   | (counter-weight or counter adj weight) with vibrat\$4 with motor  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/07/31 10:33 |
| L43 | 13   | ("3657759"   "4365179"   "4794392"   "4864276"   "5107155"   "5373207"   "5437608").PN. OR ("6133657").URPN.  | US-PGPUB;<br>USPAT;<br>USOCR                            | OR | OFF | 2006/07/31 10:33 |
| L44 | 48   | L41 and coil  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/07/31 10:33 |

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|     |      |  |   |    |     |                  |
|-----|------|--|---|----|-----|------------------|
| L45 | 754  | (counter-weight or counter adj weight) and vibrat\$4 and motor                                   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/07/31 10:33 |
| L46 | 140  | L45 and (shift or move) with shaft   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/07/31 10:33 |
| L47 | 13   | L45 and (shift or move) with shaft with axial\$4   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/07/31 10:33 |
| L48 | 10   | L45 and (shift or move) with shaft with engag\$4   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/07/31 10:33 |
| L49 | 840  | (348/373).CCLS.  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/07/31 10:33 |
| L50 | 7640 | focus and camera and vibrat\$4   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/07/31 10:33 |
| L51 | 1433 | L50 and (phon\$2 or telephon\$4 or cellphon\$3 or cell-phon\$2e or cell adj phon\$3)             | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/07/31 10:33 |
| L52 | 1839 | L50 and (phon\$2 or telephon\$4 or cellphon\$3 or cell-phon\$2e or cell adj phon\$3 or cellular) | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/07/31 10:33 |
| L53 | 1009 | L52 and motor  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/07/31 10:33 |
| L54 | 9    | L53 and vibrat\$4 with motor with focus  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/07/31 10:33 |

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|     |      |   |   |    |     |                  |
|-----|------|---|---|----|-----|------------------|
| L55 | 38   | L49 and L50   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/07/31 10:33 |
| L56 | 3357 | motor with vibrat\$4 and lens   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/07/31 10:33 |
| L57 | 696  | motor with vibrat\$4 with lens  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/07/31 10:33 |
| L58 | 20   | L57 and (phon\$2 or telephon\$4 or<br>cellphon\$3 or cell-phon\$2e or cell<br>adj phon\$3)      | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/07/31 10:33 |
| L59 | 2412 | camera and vibrator   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/07/31 10:43 |
| L60 | 987  | camera and vibrator and motor   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/07/31 10:43 |
| L61 | 210  | camera and vibrator and motor and<br>(phone or telephone or cellphone or<br>cellulat adj phone) | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/07/31 10:43 |
| L63 | 106  | 61 and focus\$4   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/07/31 10:48 |
| L64 | 0    | 63 and focus with vibrat44  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/07/31 10:45 |
| L65 | 5    | 63 and (focus with vibrat\$4)   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/07/31 10:45 |

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|     |    |                             |   |    |     |                  |
|-----|----|-----------------------------|---|----|-----|------------------|
| L66 | 0  | ("2005/0122423").URPN.      | USPAT   | OR | OFF | 2006/07/31 10:45 |
| L67 | 22 | 61 and focus\$4 with motor  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/07/31 10:46 |
| L68 | 67 | 61 and vibrat\$4 with motor | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/07/31 10:48 |
| L69 | 9  | 67 and 68                   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/07/31 10:48 |